

# PRODUCT SPECIFICATIONS

DOC. NO. 250311XC0CiREN

# X-SENSE

## Key Features:

- ◆ Connects to the X-Sense Home Security app via a 2.4 GHz Wi-Fi network.
- ◆ High-performance electrochemical CO sensor for high sensitivity, accuracy, and reliability.
- ◆ Extra loud buzzer with over 85 dB volume for clearly audible alarming.
- ◆ Manufactured in accordance with the EN 50291-1:2018 Standard.
- ◆ Real-time, accurate CO concentration levels are displayed on the LCD.
- ◆ Dual warning functions of CO precaution alarm and real alarm with app push alerts.
- ◆ Support desktop placement or wall mounting.
- ◆ Backlit display for clear visibility of CO level and fault alerts.



## Wi-Fi Carbon Monoxide Alarm (Type B)

XCOC-iR



## Technical Specifications

<b>Power Supply</b>	1 × 3 V CR123A battery (replaceable)
<b>Battery Life</b>	1 year (test once a week)
<b>Product Lifespan</b>	10 years
<b>Sensor Type</b>	Electrochemical
<b>Safety Standards</b>	EN 50291-1:2018
<b>CO Alarm Response Time</b>	50 ppm: 60–90 minutes
	100 ppm: 10–40 minutes
	300 ppm: 0–3 minutes
<b>Operating Temperature</b>	4.4–37.8°C (40–100°F)

<b>Operating Relative Humidity</b>	10%-85% RH (non-condensing)
<b>Alarm Loudness</b>	≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm
<b>Storage and Transport Conditions</b>	-20–60°C (-4–140°F), 5%–95% RH (non-condensing)
<b>Silence Duration</b>	≤ 9 minutes
<b>Operating Frequency</b>	2400–2483.5 MHz
<b>Max. RF Power</b>	100 mW
<b>Product Weight</b>	148 g
<b>Product Dimensions</b>	142 × 75 × 32 mm
<b>Package Contents</b>	1 × Alarm Unit + 2 × Screws + 2 × Anchor Plugs + 1 × User Manual + 1 × Drill Hole Spacing Indicator Label + 1 × Warranty Card

## Working Modes

Mode	LCD Display	LED Indicator	Audible Alarm	Remarks	
<b>Power-on</b>	First-time use without connecting to the Wi-Fi.	Backlight on	Runs through 8 cycles (yellow/green/red) in sequence.	1 quick beep.	Make sure the battery insulating film is removed and the device is turned on.
	The battery is replaced and the device has connected to the Wi-Fi before.	No backlight	Flashes blue until the Wi-Fi connection is successful.	1 quick beep.	Make sure the battery is properly installed and the device is turned on.
<b>Standby Mode</b>		No backlight	Flashes green once every 60 seconds.	None.	Normal network connection status.
		No backlight	Flashes green once every 60 seconds, followed by flashing yellow once.	None.	Abnormal network connection status.

<b>Alarm Mode</b>	(Backlight on) displays actual values	A CO concentration ranging from 50 to 999 ppm has been present for a certain time period. and the LED indicator flashes red 4 times every 5.8 seconds.	4 quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected, and has reached the alarm status. Please refer to "What to Do When the Alarm Sounds".
	(No backlight) displays actual values	A CO concentration level ranging from 50 to 999 ppm has been detected, but for less than the allotted detection period.	None.	Dangerous CO concentration is detected, but has not reached the alarm status. Potential dangerous CO conditions exist. Please search for the CO source first.
		The LED indicator flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the CO concentration level drops below the alarm threshold, the alarm signal will stop. Then the device goes back to the standby mode.
<b>Test Mode</b>	Backlight on	Flashes red once first, then 2 sets of 4 red flashes.	The buzzer beeps once first, then 2 sets of 4 quick beeps.	The LED flashes red and the buzzer beeps simultaneously.
<b>Peak Level Check</b>	Backlight on	None.	None.	LCD backlight is lit for 5 seconds; if the peak level button is pressed and held for more than 3 seconds within the 5 seconds of display, the device emits a beep, the LED flashes green once, and the existing recorded data is reset to zero. Peak CO level recorded since the previous reset.
<b>Silence Mode</b>	(Backlight on) displays actual values	Flashes red 4 times every 5.8 seconds.	None.	CO silence mode: After 9 minutes, the unit will exit silence mode.
		Flashes green 3 times.	None.	When exiting the silence mode while in alarm state.
	No backlight	Flashes yellow once every 60 seconds.	None.	Silence mode during low battery: after 10 hours, the unit will exit silence mode.
	No backlight	Flashes yellow 3 times every 60 seconds.	None.	Silence mode during the end of the cycle: After 22 hours, the unit will exit silence mode.

<b>Low Battery</b>	No backlight	The LED indicator flashes yellow once every 60 seconds.	1 quick beep every 60 seconds.	The battery must be replaced immediately.
<b>Fault</b>	No backlight	Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	If the "E03/E04" message is still displayed, the unit has malfunctioned and must be replaced immediately.
<b>End of Life</b>	No backlight	Flashes yellow 3 times every 60 seconds.	3 quick beeps every 60 seconds.	Replace the unit immediately.

## Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
XC0C-iR - 1 pack	1 x Alarm Unit	148 x 44 x 82 mm	224 g	70 units